Please type a plus sign (+) inside this box

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION **TRANSMITTAL**

| Attorney Docket No. | | x-9317 | |
|---------------------|----------|----------|-------------|
| First Inventor | | Drury | |
| Title | Polyviny | l Acetal | Composition |
| _ | | _ |) |

| (Only for new nonprovisional | l applications under 37 CFR 1.53(b)) | Express Mail Label No. | | | | | | |
|---|--|--|--|--|--|--|--|--|
| 2 | ION ELEMENTS | ASSISTANT Commissioner for Patents Box Patent Application | | | | | | |
| | ming utility patent application contents. | Washington, DC 20231 | | | | | | |
| (Submit an original and a du Applicant claims sm See 37 CFR 1.27. | | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) Computer Readable Form (CRE) | | | | | | |
| 3. X Specification (preferred arrangement s | et forth below) | a. Computer Readable Form (CRF) | | | | | | |
| Statement Regar Reference to seq or a computer pre - Background of the | to Related Applications ding Fed sponsored R & D uence listing, a table, ogram listing appendix ne Invention | b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies | | | | | | |
| - Brief Summary o - Brief Description | of the Drawings (if filed) | ACCOMPANYING APPLICATION PARTS | | | | | | |
| - Detailed Descrip | | 9. X Assignment Papers (cover sheet & document(s)) | | | | | | |
| Claim(s)Abstract of the D | Disclosure | 10. 37 CFR 3.73(b) Statement (when there is an assignee) X Power of Attorney | | | | | | |
| 4 X Drawing(s) (35 U.: | S.C. 113) [Total Sheets 1] | 11. English Translation Document (if applicable) | | | | | | |
| 5. Oath or Declaration | [Total Pages 2] | 12. Information Disclosure Statement (IDS)/PTO-1449 Citations | | | | | | |
| a. X Newly execu | ted (original or copy) | 13. Preliminary Amendment | | | | | | |
| b. Copy from a | 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | | | | | | | |
| | ON OF INVENTOR(S) | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) | | | | | | |
| named in th | ement attached deleting inventor(s) le prior application, see 37 CFR and 1.33(b). | 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | | | | | | |
| * * | Sheet. See 37 CFR 1.76 | 17. Other: | | | | | | |
| 18. If a CONTINUING APPLIC | CATION, check appropriate box, and sup | pply the requisite information below and in a preliminary amendment, | | | | | | |
| or in an Application Data She | et under 37 CFR 1.76: | | | | | | | |
| Continuation | Divisional Continuation-in-part (CIP) | of prior application No.:/ | | | | | | |
| Prior application information: | Examiner | Group Art Unit | | | | | | |
| Day Ele in considered a part of | the disclosure of the accompanying contin | the prior application, from which an oath or declaration is supplied under the prior application and is hereby incorporated by reference. | | | | | | |
| The incorporation can only be | relied upon when a portion has been inadve | ertently omitted from the submitted application parts. | | | | | | |
| | 19. CORRESPOND | Concession (Concession (Conces | | | | | | |
| Customer Number or Bar Co | de Label (Insert Customer No. or Attach t | or X Correspondence address below | | | | | | |
| Name | John S. Hale | | | | | | | |
| | Gipple & Hale 66 | 65-A Old Dominion Drive | | | | | | |
| Address | | | | | | | | |
| City | McLean | State VA Zip Code 22101 | | | | | | |
| Country | USA Te | elephone 703 448-177¢ Fax 448-7780 | | | | | | |
| Name (Print/Type) | John S. Hale | Registration No. (Attorney/Agent) 25,209 | | | | | | |
| Signature | Jolean | Date 10/11/2001 | | | | | | |

Burden Hour Statement: This form is estimated to take 0.2 mours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to re-**FEE TRANSMITTAL**

for FY 2002

Patent fees are subject to annual revision.

| TOTAL AMOUNT OF PAYMENT | (\$) | 550. |
|-------------------------|------|------|
|-------------------------|------|------|

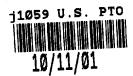
| Complete if Known | | | | |
|----------------------|------------|--|--|--|
| Application Number | | | | |
| Filing Date | 10/11/2001 | | | |
| First Named Inventor | Drury | | | |
| Examiner Name | | | | |
| Group Art Unit | | | | |
| Attorney Docket No. | x-9317 | | | |

| METHOD OF PAYMENT | METHOD OF PAYMENT FEE CALCULATION (continued) | | | | | |
|--|---|--------|-------------|-------------|--|---|
| The Commissioner is hereby authorized to charge | 3. ADDITIONAL FEES | | | | | |
| indicated fees and credit any overpayments to: | | Larg | е | Sma | 11 | |
| Account 07-1340 | _ | Entit | • | Entit | | Fee Paid |
| Number | Fee Code | | Fee Code | Fee (\$) | Fee Description | ree Faio |
| Deposit Account Gipple & Hale | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| Charge Any Additional Fee Required | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| The state of the s | 139 | 130 | 139 | 130 | Non-English specification | |
| Applicant claims small entity status. See 37 CFR 1.27 | 147 | 2.520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 2. XX Payment Enclosed: | 112 | 920* | | 920* | Requesting publication of SIR prior to | |
| X Check Credit card Money Other | | | | | Examiner action | |
| FEE CALCULATION | 113 | 1,840* | 113 | 1,840 | Requesting publication of SIR after Examiner action | |
| 1. BASIC FILING FEE | 115 | 110 | 215 | 55 | Extension for reply within first month | |
| Large Entity Small Entity | 116 | 400 | 216 | 200 | Extension for reply within second month | |
| Fee Fee Fee Fee Description | 117 | 920 | 217 | 460 | Extension for reply within third month | |
| Code (4) Code (4) | 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | ļ — — — — — — — — — — — — — — — — — — — |
| 101 740 201 370 Stairty filing fee 370 | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 107 510 207 255 Plant filing fee | 119 | 320 | 219 | 160 | Notice of Appeal | |
| 108 740 208 370 Reissue filing fee | 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 114 160 214 80 Provisional filing fee | 121 | 280 | 221 | 140 | Request for oral hearing | |
| | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| SUBTOTAL (1) (\$) 370 | 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 2. EXTRA CLAIM FEES | 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| Fee from Extra Claims <u>below</u> Fee Paid | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| Total Claims 26 -20** = 6 x 9 = 54 | 143 | 460 | 243 | 230 | Design issue fee | |
| Independent 6 - 3** = 3 x 42 = 126 | 144 | 620 | 244 | 310 | Plant issue fee | |
| Multiple Dependent = 0 | 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| Large Entity Small Entity | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| Fee Fee Fee Fee Fee Description Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20 | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 102 84 202 42 Independent claims in excess of 3 | 146 | 740 | 246 | 370 | Filing a submission after final rejection | |
| 104 280 204 140 Multiple dependent claim, if not paid | | ~ | 0.10 | 070 | (37 CFR § 1.129(a)) | |
| 109 84 209 42 ** Reissue independent claims over original patent | 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 110 18 210 9 ** Reissue claims in excess of 20 | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| and over original patent | 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| SUBTOTAL (2) (\$)550. | | | specif | /) | | <u> </u> |
| **or number previously paid, if greater; For Reissues, see above | *Red | uced b | y Bas | ic Filin | g Fee Paid SUBTOTAL (3) (\$) | |

| SUBMITTED BY | | | Complete (ii | Complete (if applicable) | | |
|-------------------|----------|------|--------------------------------------|--------------------------|-----------|--------------|
| Name (Print/Type) | John As. | Hale | Registration No. (Attorney/Agent) | 25,209 | Telephone | 703-448-1770 |
| Signature | LATE | 4 | _ | | Date | 10/11/2001 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



LAW OFFICES OF

GIPPLE & HALE

6665-A OLD DOMINION DRIVE

MCLEAN, VIRGINIA 22101

October 11, 2001

E-MAIL
GIPPHALE@EROLS.COM

FACSIMILE (703) 448-7780

TELEPHONE

P.O. BOX 40513 WASHINGTON, D.C. 20016

In re the Application of

Applicant:

THOMAS J. DRURY

Title of Invention:

POLYVINYL ACETAL COMPOSITION ROLLER

BRUSH WITH ABRASIVE OUTER SURFACE

The Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

I am enclosing herewith for filing in the United States Patent and Trademark Office an application in the name of the above Applicant. The filing fee for this case has been computed as follows:

| Basic Filing F | ee | \$370.00 |
|----------------|--------------------------------------|----------|
| 6 | Claims in Excess of 20 (\$9.00 each) | |
| 3 | Independent Claims in Excess of 3 | |
| | \$40.00 each) | \$126.00 |
| Total Filing F | ee | |
| | ecordation Fee | |
| J | TOTAL FEE ENCLOSED | |

My check is enclosed.

If the check is insufficient or deficient, kindly charge our Deposit Account No. 07-1340 as required. A duplicate copy of this transmittal is attached.

Please identify this application on the Official Filing Receipt as Attorney Docket No. X-9317.

Respectfully submitted,

SIPPLE & HALE

John S. Hale

Registration No. 25,209

JSH:ams Encls.